

PINELANDS NURSERY & SUPPLY, INC.

323 ISLAND ROAD
COLUMBUS, NEW JERSEY 08022
(609) 291-9486 OFFICE (609) 298-8939 FAX

ORIGINAL

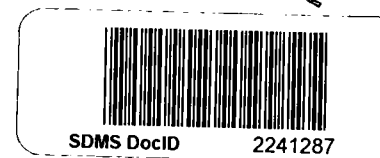
FAX TRANSMISSION

TO: (b) (4) - Guardian Environmental

FROM: (b) (4)

DATE: December 20, 2000

NUMBER OF PAGES INCLUDING COVER SHEET: 1



MESSAGE: It was a pleasure meeting with you at the 12th Street landfill site. I am confident that you will be able to successfully vegetate the cells in the articulated concrete blocks.

I suggest that you use a combination of the following species in the zones listed:

Lower elevation (2'-3' inundation at high tide) - duck potato & bayonet rush

Middle elevation (1'-2' inundation at high tide) - arrow arum, pickerelweed, & softstem bulrush

Upper elevation (1"-1' inundation at high tide) - sweetflag & common three square

Non-tidal elevation (only inundated during flood events) - rice cutgrass

Planning the correct plant spacing will depend upon your budget. Considering that the plants will be installed into the ACBs and will not be able to spread as rapidly, I suggest a tighter spacing than normal. A 12" x 12" spacing would be ideal and would result in a fast colonization and "greening up" of the site. On the other hand, since the blocks will permanently control the erosion on the site, a wider spacing would primarily be an issue of aesthetics.

When planting the species in the intertidal zone of the ACBs, you should be able to save quite a bit of money by inserting the plants into the cavities before they are backfilled with soil. This will eliminate the labor intensive need to dig holes in the soil before planting. All of the species selected should be able to emerge even though they will be covered with several inches of soil. We do have all of the species listed in stock. Please get back to me with your desired quantities and we will provide you with a quotation.

As you can see, I've recommended rice cutgrass in the area above the high tide mark. This is an aggressive species that will spread rapidly. It also has a very high wildlife value. Rice cutgrass seed is inexpensive and can be sown directly on top of the filled ACBs or incorporated into the soil in advance and then placed into the cavities. You should be able to purchase this seed from any of the major seed suppliers.

Thank you for the opportunity to work with you on this project!

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